

What is claimed is:

1. A voice command remote control system comprising:
a remote control device comprising:
a transducer that converts sound of an audio voice command to an electrical signal; and
a transmitter that transmits said electrical signal to a first controlled device,
wherein said first controlled device comprises:
a recognition processor that converts said electrical signal to pattern data and
compares said pattern data with a plurality of sets of stored pattern data to recognize said
audio voice command as corresponding to one of the sets of the stored pattern data.
2. The voice command remote control system of claim 1, wherein said remote
control device further comprises a signal processor that processes said electrical signal prior
to transmission to said first controlled device.
3. The voice command remote control system of claim 1, further comprising said
first controlled device and wherein said first controlled device performs a preset function
corresponding to said audio voice command in response to recognition of said audio voice
command.
4. The voice command remote control system of claim 3, further comprising a
recorder that records said electrical signal.
5. The voice command remote control system of claim 4, wherein the recorder is
located in the remote device.
6. The voice command remote control system of claim 4, wherein the recorder is
located in the controlled device.

7. The voice command remote control system of claim 5, wherein said remote control device further comprises a repeat button and wherein said recorder is activated to reproduce a last recorded electrical signal for transmission to a first controlled device responsive to activation of said repeat button.

8. The voice command remote control system of claim 7, further comprising a record button and wherein said recorder is activated to record said electrical signals responsive to activation of said record button.

9. The voice command remote control system of claim 7, wherein said recorder is voice-activated and wherein said recorder is activated to record said electrical signals responsive to voice-activation.

10. The voice command remote control system of claim 3, further comprising:
a teaching circuit;
a button for activating said teaching circuit; and
wherein said teaching circuit prompts a user to speak appropriate words corresponding to an audio voice command.

11. The voice command remote control of claim 3, further comprising a second controlled device having a recognition processor that converts said electrical signal to pattern data and compares said pattern data with a plurality of sets of stored pattern data to recognize said audio voice command as corresponding to one of the sets of the stored pattern data.

12. The voice command remote control system of claim 3, wherein said first controlled device further comprises a transmitter for generating and transmitting a second electrical signal to a second controlled device.

13. The voice command remote control system of claim 12, further comprising a second controlled device which receives said second electrical signal and has a recognition processor that converts said second electrical signal to pattern data and compares said pattern data with a plurality of sets of stored pattern data to recognize said audio voice command as corresponding to one of the sets of the stored pattern data.

14. The voice command remote control system of claim 13, wherein said second controlled device further comprises a transmitter for generating and transmitting a third electrical signal to a third controlled device.

15. The voice command remote control system of claim 3, wherein said first controlled device further comprises a transmitter for generating and transmitting a control signal to a second controlled device.

16. The voice command remote control system of claim 15, further comprising a second controlled device which receives said control signal and performs a preset function responsive to said control signal.

~~17.~~ A voice command remote control system comprising:
a remote control device wherein sound of an audio voice command is converted to an electrical signal and transmitted to a first controlled device; and
a first controlled device wherein said electrical signal is converted to pattern data and compared with a plurality of sets of stored pattern data to recognize said audio voice command as corresponding to one of the sets of the stored pattern data..

18. The voice command remote control system of claim 17, wherein said remote control device comprises:

a transducer that converts sound of an audio voice command to an electrical signal;

a signal processor that processes said electrical signal and modulates said electrical signal onto a carrier;

a transmitter that transmits said electrical signal to said first controlled device.

19. The voice command remote control system of claim 18, wherein said first controlled device comprises:

a receiver that receives said electrical signal;

a recognition circuit that converts said electrical signal to pattern data and compares said pattern data with a plurality of sets of stored pattern data to recognize said audio voice command as corresponding to one of said sets of stored pattern data;

wherein said first controlled device performs a preset function corresponding to said audio voice command in response to recognition of said audio voice command.

20. A method of controlling at least one controlled device from a remote location comprising the steps of:

- a. receiving an audio voice command into a remote control device;
- b. converting said audio voice command to an electrical signal in said remote control device;
- c. transmitting said electrical signal from said remote control device to a first controlled device;
- d. converting said electrical signal into pattern data within said first controlled device; and
- e. comparing said pattern data with a plurality of sets of pattern data stored within the first controlled device to recognize the audio voice command as corresponding to one of the sets of the stored pattern data.

21. The method of claim 20, further comprising the step of recording the electrical signal on a recorder located within the remote control device.

22. The method of claim 21, further comprising the step of retrieving a last recorded signal from the recorder and transmitting said last recorded signal to said first controlled device responsive to activation of a repeat button.

23. The method of claim 22, wherein the electrical signal is recorded by pressing a record button to activate a recorder and releasing the record button to stop recording.

24. The method of claim 23, wherein the electrical signal is recorded by speaking into a voice-activated recorder.

25. The method of claim 20, further comprising the step of performing a preset function corresponding to said audio voice command in response to recognition of said audio voice command.

26. The method of claim 20, further comprising the step of transmitting a second electrical signal from said first controlled device to a second controlled device.

27. The method of claim 26, further comprising the step of converting said second electrical signal into a second set of pattern data within said second controlled device.

28. The method of claim 27, further comprising the step of comparing said second set of pattern data with a plurality of sets of pattern data stored within said second controlled device to recognize said audio voice command as corresponding to one of said sets of pattern data stored within the second controlled device.

29. The method of claim 28, further comprising the step of transmitting a third electrical signal from said second controlled device to a third controlled device.

30. The method of claim 20, further comprising the step of generating and transmitting a control signal from said first controlled device to a second controlled device.

31. The method of claim 30, further comprising the step of performing a preset function corresponding to said audio voice command in said second controlled device in response to recognition of said audio voice command.

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